Remarks

In response to the restriction requirement dated October 18, 2002, Applicants hereby elect **Group I, Claims 1, 3 - 10 and 13**, drawn to an ignition mixture. The election is made without traverse.

In response to the election of species, Applicants hereby elect NPE (polynitropolyphenylether) as the secondary explosive, potassium nitrate as the oxidizer, boron as the reducing agent and polyurethane as the binder. The elected species does not contain a primary explosive.

In the present amendment, Claims 1, 3 and 5 are amended to correct matters of form and to clarify that the invention requires a secondary explosive.

Preliminary Comments Regarding U.S Patent No. 4,956,029

U.S. Patent No. 4,956,029 was applied against claims in the parent application, Serial No. 09/639,071. It is respectfully submitted that '029 differs from the present invention in that the primers disclosed in '029 do not contain secondary explosives, but only primary explosives. The reference neither discloses nor suggests the use of secondary explosives in laser light ignitable ignition mixtures. Consideration of these comments in the examination of the application is respectfully requested.

Conclusion

In view of the foregoing amendments and remarks, it is respectfully submitted that Claims 1, 3 - 10 and 13 are in condition for allowance. Favorable action is respectfully requested.

Should the Examiner believe that anything further is necessary to place this application in condition for allowance, the Examiner is requested to contact applicants' undersigned attorney at the telephone number listed below.

Kindly charge any additional fees due, or credit overpayment of fees, to Deposit Account No. 01-2135 (306.36690CC2).

Respectfully submitted,
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1. (amended) Ignition mixture containing ~~explosives, oxidizers, and reducers~~

at least one secondary explosive or a combination of at least one primary explosive and at least one secondary explosive,

at least one oxidizer and

at least one reducer,

characterized in that it contains ~~one or more explosive(s) that is/are~~ at least one explosive that is ignitable by laser light.

3. (twice amended) Ignition mixture according to Claim 1, characterized in that the secondary explosive, ~~alone or as a mixture,~~ is selected from the ~~secondary explosives, for example from~~ group consisting of nitrocellulose, hexanitrostilbene, ~~from certain heterocycles such as~~ nitrotriazolone, ~~from the derivatives of tetrazoles such as~~ aminotetrazole, ditetrazole, ~~or~~ diaminoguanidine azotetrazole, ~~and from~~ hexagene ~~or~~ octagene, ~~from secondary explosives derived from urea and its derivatives such as~~ biuret, guanidine, nitroguanidine, guanidine nitrate, aminoguanidine, aminoguanidine nitrate, thiourea, triaminoguanidine nitrate, aminoguanidine hydrogen carbonate, azodicarboxylic acid

diamide, tetrazene, semicarbazidenitrate, ~~from the~~ urethanes, ~~from the~~ ureides, ~~such as barbituric acid and its derivatives, from~~ nitrided aromatic compounds, ~~or from~~ nitrided aromatic compounds with a polymer structure ~~such as polynitropolyphenolether or the polynitropolyphenylenes, or from mixtures of these explosives~~ and mixtures thereof.

5. (amended) Ignition mixture according to Claim ~~3~~ 1, characterized in that the secondary explosive is ~~chosen from the~~ selected from the group consisting of polynitropolyphenylethers ~~and/or~~ and polynitropolyphenylenes.